WHAT IS CLAIMED IS:

1		1. A bar coding method, comprising:
2		generating a corroborative signed message from information to be encoded;
3	and	
4		modulating a base image with a graphical encoding of the signed message to
5	produ	ice a marked image.

- 1 2. The method of claim 1, wherein generating the signed message comprises producing a cryptographic hash from the information to be encoded.
 - 3. The method of claim 2, wherein generating the signed message comprises encrypting the cryptographic hash to produce a digital signature.
 - 4. The method of claim 3, wherein the cryptographic hash is encrypted with a private key.
 - 5. The method of claim 3, wherein generating the signed message comprises concatenating the information to be encoded and the digital signature.
 - 6. The method of claim 1, wherein the signed message includes a public key certificate.
 - 7. The method of claim 1, wherein the base image includes an image of a handwritten signature.
 - 8. The method of claim 7, wherein modulating the base image comprises vectorizing the handwritten signature image.
 - 9. The method of claim 8, further comprising obtaining a set of base control points for the vectorized handwritten signature image, and encoding the information by displacing the base control points to obtain a marked set of control points from which the marked image is produced.
- 1 10. The method of claim 1, further comprising extracting the signed 2 message from the marked image.

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- The method of claim 10, wherein the signed message is extracted from 1 11. the marked image based upon a comparison of the marked image and the base 2 3 image. 12. The method of claim 10, further comprising decoding the extracted 1 signed message to produce a decoded message. 2 13. The method of claim 12, further comprising extracting from the 1 decoded message an encrypted original cryptographic hash and the encoded 2 information. 3
- 1 14. The method of claim 13, further comprising decrypting the encrypted 2 original cryptographic hash with a public key.
 - 15. The method of claim 14, further comprising authenticating the extracted information by producing a new cryptographic hash from the extracted information, and comparing the new cryptographic hash with the original cryptographic hash.
 - 16. A bar coding system, comprising an encoder configured to:
 generate a corroborative signed message from information to be encoded; and
 modulate a base image with a graphical encoding of the signed message to
 produce a marked image.
 - 17. A bar coding method, comprising:
 extracting a signed message from a marked image based upon a comparison
 of the marked image and a base image;
 decoding the extracted signed message to produce a decoded message; and
 extracting from the decoded message information encoded in the marked
 image.
- 1 18. The method of claim 17, further comprising:
 2 extracting an encrypted original cryptographic hash from the decrypted
 3 message;

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decrypting the encrypted original cryptographic hash with a public key; and
authenticating the extracted information by producing a new cryptographic
hash from the extracted information, and comparing the new cryptographic hash
with the original cryptographic hash.

- A bar coding system, comprising a decoder configured to: 19. extract a signed message from a marked image based upon a comparison of the marked image and a base image; decode the extracted signed message to produce a decoded message; and extract from the decoded message information encoded in the marked image.
- A computer program residing on a computer-readable medium and 20. comprising computer-readable instructions for causing a computer to: generate a corroborative signed message from information to be encoded; and modulate a base image with a graphical encoding of the signed message to produce a marked image.